

## Features

- 4 pads SMD glass sealed crystal ;
- Applications for NB, DSC, USB, Variety of compact portable consumer products reference clocks;
- High reliable environmental performance;
- Contains Pb in sealing glass exempted by RoHS directive.



## Crystals specifications

ITEMS(项目)	PARAMETER(规格说明) G22				
Frequency Range	Fundamental				
	12~13MHZ	13~16MHZ	16~20MHZ	20~30MHZ	30 ~ 64MHZ
Equivalent Series Resistance(ESR)	200ΩMax.	150ΩMax.	100ΩMax.	80ΩMax.	60ΩMax.
Frequency Tolerance (at 25 °C)	± 10 ppm, ± 20 ppm, or specify				
Frequency Stability Over Operating Temperature Range	± 10 ppm, ± 20 ppm, or specify				
Operating Temperature Range	-10~70 C, or Specify				
Shunt Capacitance (C0)	3pF Max.				
Drive Level	10uW (100uW Max)				
Load Capacitance	8pF, 10pF, or specify				
Aging (at 25 °C)	± 3ppm/year Max				
Storage Temperature Range	-40 ~ +85 °C				
Packing Unit	3, 000pcs/Reel				

## Dimensions and patterns(unit:mm)

